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CATALOGUE

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U. S. Department of Agriculture.

*Farm, Field and
Garden*

SEEDS

and

Poultry Supplies

D. N. Shoemaker

In serving our Mail Order Customers during the past **Fifteen** years, we have used our best efforts to supply only the **Best** grades of seeds and merchandise of each and every variety which we offer.

In the future, as in the past, our earnest desire will be to maintain our reputation for reliability.

We thank **all** of our customers for their liberal patronage and trust these thousands of transactions justify with **all** a continuance of same.

Union Seed & Fuel Co.

Majestic Theatre Building

111 South Tenth Street

Phones 111 and 112

P. O. Box 1465

BOISE, IDAHO

NOTICE TO CUSTOMERS

READ CAREFULLY

All prices in this list are subject to market fluctuations without notice.

TERMS OF SALE

No goods sent C. O. D. Please accompany your order with remittance in full by draft, money order or cash in registered letter. We can take postage stamps in moderate amounts.

ORDER EARLY

We earnestly solicit our friends to send their orders to us early—at once—before the rush is on. No matter how small or how large your order, it will receive our careful attention.

Use the order sheet and our self-addressed envelope, and ask for more when you want them.

If goods do not arrive promptly after receiving our notice that goods have been shipped, please write us.

GOODS BY MAIL

All Garden and Flower Seeds, also certain Bulbs and Plants, are sent by mail or express without further cost, except Beans, Corn and Peas; also Onion Sets, Grain, Grass, Field Seeds and Plants, which require 5 cents for the first pound and 1 cent each additional pound added to the remittance when wanted by parcel post in first or second zones. New Postal Regulations require 2 cents additional service charge on all packages weighing over 8 ounces.

GOODS BY EXPRESS OR FREIGHT

When ordering to be shipped at your expense goods priced "prepaid," you may deduct postage from prices. Often we send by express prepaid, instead of by mail, goods priced prepaid. If not convenient for you to receive by express, be sure to mention when ordering. Whenever our notification cards say "prepaid," you are to pay nothing. Write us at once if charge is added.

PARCEL POST RATES

Be sure to read headings carefully as to parcel post on beans, corn, peas, plants, etc. One-half pound or less goes at 1 cent for each 2 ounces.

Parcels cannot exceed 84 inches in length and girth combined. Limit weight, first to third zones, 70 pounds; fourth to eighth zones, inclusive, 50 pounds.

NON-WARRANTY

So many conditions arise in the growing of plants from seed, and in setting out plants that are grown from seed, over which we have no control, that success is not altogether dependent on the seed or plant. We will send out only seed that we believe will grow and produce the kind of plant and variety represented. However, the UNION SEED & FUEL COMPANY gives no warranty, expressed or implied, as to description, quality, productiveness, or any other matter, of seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once.

Address All Orders to

Union Seed & Fuel Company

PHONE 111

P. O. Box 1465

PHONE 112

111 SOUTH TENTH ST.

MAJESTIC THEATRE BUILDING

BOISE, IDAHO

GARDEN SEEDS

ASPARAGUS

Asparagus is one of the earliest of spring vegetables. It can be produced easily.

PALMETTO

Is of very large size, even and regular in growth and appearance. It is very early, immensely productive, and of the best quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00. Postpaid.

CONOVER'S COLOSSAL

The standard variety; of large size, tender and of excellent quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00. Postpaid.

Roots of above variety, 20c per dozen, \$1.50 per 100, by express. Prices for larger quantities on application.

ALL PRICES IN THIS CATALOG ARE SUBJECT
TO MARKET CHANGES WITHOUT
NOTICE

BEANS—Dwarf or Bush

Add for postage 5c for first lb., and 1c for each additional lb. One-half lb. or under, 1c each 2 ozs.

CULTURE—Plant in drills about 2 inches deep and from 18 inches to 2 feet apart, according to the richness of the soil—the poorer the soil, the closer they can be planted; the plants should be about 3 inches apart. A succession of sowings can be made from the first week in May until August. One lb. to 50 feet of drill; 60 to 80 lbs. to an acre.

GREEN PODDED VARIETIES

BURPEE'S STRINGLESS

Extra early, round, fleshy pods; very brittle, almost entirely stringless, rust-proof, vigorous, productive, and without doubt the best green podded beans known.

Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c. Postpaid.

ROUND YELLOW SIX WEEKS

Very similar to Long Yellow Six Weeks as to vine, with pods shorter, and much more thick and fleshy; about one week later, being ready for table 57 days from planting. Seed round, yellowish drab, with a slightly darker shade about the eye.

Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c. Postpaid.

DWARF HORTICULTURAL

Vigorous grower, large green pods, splashed with carmine. Excellent either as snap in green state, shelled green or dry.

Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c. Postpaid.

BUSH LIMA

BURPEE'S BUSH LIMA

It is the true bush form of the old large Lima pole bean. It grows vigorously to a height of 18 to 20 inches, forming a circular bush two or two and a half feet in diameter, yielding from 50 to 100 fine pods similar to those grown on the Large White Pole Lima.

Pkt. 10c; lb. 35c. Postpaid.

HENDERSON'S BUSH LIMA

The New Bush Lima grows without the aid of stakes or poles, is compact bush form, from 15 to 18 inches high, and produces enormous crops of delicious Lima Beans. The New Bush Lima is at least two weeks earlier than any of the climbing Limas.

Pkt. 10c; lb. 35c. Postpaid.

KING OF THE GARDEN LIMA

The vines are very vigorous and prolific. Pods are of large size, filled with four or five beans of very fine quality. The beans are easily shelled and of handsome appearance. A favorite with market gardeners.

One-fourth lb. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c. Postpaid. Order early.

OUR IDAHO

A Dwarf Bush Growing Only One Foot High—One of the finest dry beans grown. It leads all others, being three times the size of the Navy, and half the size of the Lima. Is far superior to either for flavor. You should plant a quantity of this bean for your winter supply.

Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c. Postpaid.

YELLOW PODDED VARIETIES

IMPROVED GOLDEN WAX

The pods are large, long, half round, brittle and entirely stringless, and of a beautiful rich golden wax color. As a snap bean it excels every other variety in tenderness and rich buttery flavor.

Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c. Postpaid.

Write for Quantity Prices

IMPROVED BLACK WAX

This is an improvement over the old Black Wax, and is equal to our Improved Golden Wax. The pods are of a rich golden color in green state.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; lb. 30c; 2 lbs. 50c. Postpaid.

PENCIL POD BLACK WAX BEANS

An early sure cropper, of the finest quality.

Pkt. 10c; lb. 30c. Postpaid.

BEANS—Pole or Running

Add for postage 5c first lb. and 1c each additional lb.; $\frac{1}{2}$ lb. or under, 1c each 2 ozs.

Pole beans mature very well in Idaho. They should be more extensively grown, as they can be planted with corn, which will furnish the support to climb on. All the following Pole Beans: Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c. Postpaid.

LAZY WIFE

This is popular in many localities. The pods are broad, thick, very fleshy, and possess a rich, buttery flavor when cooked. The beans are white and make a very good dry bean.

KENTUCKY WONDER

Vine vigorous, climbing well and very productive, bearing its pods in large clusters; pods green, very long, often reaching nine or ten inches, nearly round when young, and very crisp; becoming very irregular and spongy as the bean ripens.

LARGE WHITE LIMA OR BUTTER

Rich and finest flavor, and one of the best pole beans.

Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c. Postpaid.

DUTCH CASE KNIFE

Pods long, green and flat; can be snapped or shelled.

Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c. Postpaid.

FLOWERING BEANS

Very desirable for trellis, or to cover old fences, etc. While the green seeds are edible, the attractiveness is the profuse blossoms.

SCARLET RUNNER—The old popular scarlet flower.

Pkt. 5c; $\frac{1}{2}$ lb. 20c. Postpaid.

WHITE RUNNER—A pure white flower. Pkt. 5c; $\frac{1}{2}$ lb. 20c. Postpaid.

TRI-COLOR RUNNER—Pink and white in the same blossom.

Pkt. 5c; $\frac{1}{2}$ lb. 20c. Postpaid.

Get Our Quantity Prices on Beans

BORECOLE OR KALE**DWARF GREEN**

Sow in the spring for "sprouts" or "greens." Hardy, prolific, flavor similar to cabbage; desirable in every garden.

Pkt. 10c; oz. 15c; lb. \$1.00.

BROCCOLI**PURPLE CAPE**

Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

ST. VALENTINE

This new strain is a sure header of immense size; heads extra early, pure white, and remains in good condition longer than any other variety. Try this and compare with best cauliflower.

Pkt. 10c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.00.

BRUSSELS SPROUTS

CULTURE—Cultivated for the small heads that grow in considerable number from the same stem. Sow in bed middle of spring, and transplant and manage as winter cabbage.

Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

All Postpaid

BEET

CULTURE—Beets require a deep, rich, mellow soil, and may be sown from early spring to commencement of summer. Drop about 1 inch deep in drills 12 to 18 inches apart. One ounce to 60 feet of drill; 6 to 8 lbs. per acre.

BEETS (Table)—	Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	1 Lb.
Eclipse.....	\$.05	\$.15	\$.40	....	\$1.25
Early Blood Red Turnip.....	.05	.15	.35	....	.90
Extra Early Egyptian.....	.05	.15	.35	....	.90
Detroit Dark Red.....	.05	.15	.35	....	.90
Half Long Beet.....	.05	.15	.35	....	.90
Market Gardener.....	.05	.15	.35	....	.90

Prices on Beets All Postpaid

MANGEL WURTZEL FOR STOCK FEEDING

CULTURE—They require a soil plowed deeper and the drills further apart than garden beets. Sow in April or beginning of May in drills from 2 to 3 feet apart, and when 4 or 5 inches high thin to 12 to 18 inches in the rows.

	Pkt.	Oz.	$\frac{1}{4}$	$\frac{1}{2}$	Lb.
BEETS FOR STOCK—					
Golden Tankard Mangel Wurtzel . . .	....	....	\$ .20	....	\$ .60
Mammoth Long Red Mangel . . . . .	....	....	.20	....	.60
Danish Sludstrup . . . . .	....	....	.20	....	.60
Giant Feeding Sugar Beet, or $\frac{1}{2}$ Sugar Mangel Wurtzel . . . . .	....	....	.20	....	.60
5 lbs. \$2.50; 10 lbs. 4.75.					
BEETS (Sugar)—					
Klein Wanzeleben Sugar . . . . .	.05	....	.30	....	.75
5 lbs. \$3.00.					

All Postpaid.

CABBAGE

CULTURE—For early cabbages, sow the seed in a hot bed in March and April, covering the seed from $\frac{1}{4}$ to $\frac{1}{2}$ inch deep, and when big enough transplant to another bed. As soon as the ground is in good condition, transplant outside in rows 2 feet apart and 15 to 18 inches in the row. The soil should be mellow, rich and well drained. For late crop the seed can be sown in a cold frame, or even in the open ground, and then transplanted in rows 3 feet one way and 2 feet the other, so as to be able to work with a horse and cultivator. One ounce will produce about 2000 plants.

EARLY WINNINGSTADT

A well known and very popular variety, in season very close to the Wakefield. Heads large, decidedly conical; leaves bright, glossy green; heads solid and hard, even in summer.

Pkt. 5c; oz. 40c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50. Postpaid.

EARLY JERSEY WAKEFIELD

This is an admirable sort, suited to the family and market garden. The heads begin to mature the latter end of June to the first of July.

Pkt. 5c; oz. 40c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50. Postpaid.

MEDIUM EARLY VARIETIES—	Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	1 Lb.
Early Dwarf Flat Dutch	\$.05	\$.30	\$1.00	....	\$3.00
Glory . . . . .	.05	.30	1.00	....	3.00
Surehead . . . . .	.05	.30	1.00	....	3.00
Copenhagen Market . . . . .	.05	.30	1.00	....	3.00
Red Cabbage—					
Mammoth Red Rock . . . . .	.05	.30	1.00	....	3.00
LATE VARIETIES—					
Danish Ballhead Cabbage, Short Stem	.05	.45	1.00	....	3.50
Premium Late Flat Dutch . . . . .	.05	.45	1.00	....	3.50
Volga . . . . .	.05	.45	1.00	....	3.50
All-Seasons . . . . .	.05	.35	1.00	....	3.50

Most of above are imported from Holland by us. Postpaid.

CARROT

CULTURE—The carrot delights in a sandy loam, deeply tilled. For early crops, sow in the spring as soon as the ground is in good working order; for late crops, they may be sown any time until the middle of June. Sow in rows about 15 inches apart, thinning to 3 inches between plants. Do not cover more than $\frac{1}{2}$ inch deep. One ounce to 150 feet of drill; 3 pounds to an acre.

	Pkt.	Oz.	$\frac{1}{4}$	$\frac{1}{2}$	1 Lb.
Chantenay	\$.05	\$.20	\$.40	\$	\$1.00
Early Scarlet Horn . . . . .	.05	.20	.40	....	1.00
Ox Heart . . . . .	.05	.20	.40	....	.90
Danvers $\frac{1}{2}$ Long . . . . .	.05	.20	.40	....	1.00
Large White Belgian . . . . .	.05	.15	.30	....	.75
Large Yellow Belgian . . . . .	.05	.15	....	.50	.75
Yellow Giant Carrot . . . . .	.05	.15	.40	....	1.00

All Postpaid.

CAULIFLOWER

CULTURE—Same as for cabbage, except that extra manure and plenty of water will pay with cauliflower. If the soil is dry, water frequently, and if the plants could have mulch of hay or straw it would keep the soil moist and the plants would not suffer from drouth. The early kinds should be strong enough to plant not later than May 1; the late kinds may be planted out same as cabbage. One ounce produces 1,500 plants; 15,000 plants will cover an acre.

We stock the following varieties:

CAULIFLOWER—	Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	1 Lb.
Early Danish Snowball.....	\$.15	\$2.50	\$8.00	....	....
Danish Dry Weather Cauliflower....	.15	2.50	8.00	....	....
Early Paris Cauliflower.....	.10	.80	3.00	....	....
Veitch's Autumn Giant.....	.10	.80	2.50	....	....

All Postpaid.

CELERY

CULTURE—The conditions necessary for successful celery cultivation are: good seed, plenty of manure and complete fertilizers, moisture and cultivation. The most suitable soil is rich loam, finely pulverized and highly enriched. Sow seeds in boxes for early planting; later plants may be produced from seeds sown in frames or open ground. Transplant 4 inches apart when 3 inches high. Water and protect until well rooted, then transplant into rows for garden culture, 18 inches to 2 feet apart; for field culture, in rows 3 to 4 feet apart; set the plants from 8 to 12 inches apart, supply plenty of moisture, and see that plants receive thorough cultivation. They may be set either on the surface or in well manured trenches 1 foot in depth. To blanch, draw earth around the plants, being careful not to cover the tops of the center shoots.

WHITE PLUME

The earliest variety grown; can be blanched for the table in September. It is a self-blanching variety, easily grown by anyone. Stalks and inner leaves white, crisp and delicious.

One-half oz. 15c; oz. 25c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

GOLDEN SELF-BLANCHING

Valuable early variety, compact and stocky, thick, solid, brittle. The large hard stalks and inner leaves are beautiful golden yellow. Rich flavor.

Pkt. 10c; oz. 50c; $\frac{1}{2}$ lb. \$4.50; lb. \$8.50.

GIANT PASCAL

This choice celery is of a sweet, nutty flavor; stalks thick, solid, stringless, almost brittle as glass; bleaches with slight earthing; very satisfactory for all purposes.

One-half oz. 10c; oz. 20c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Celery Plants Can Be Shipped in June and July. See PLANT LIST.

CELERIAC OR TURNIP-ROOTED

Grown exclusively for its roots, which are turnip-shaped, very smooth, tender and marrow-like. The roots are cooked and sliced; used with vinegar, they make an excellent salad. They are used for seasoning meats and to flavor soups.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c.

CHICORY

Large rooted Chicory. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

CHIVES

Pkt. 5c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 50c; oz. 90c.

COLLARDS

Georgia Southern or Creole. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

SWEET CORN

New Golden Bantam. Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 20c; 10 lbs. \$1.75.

All Postpaid.

Peep o' Day; White Cob Cory; Country Gentleman; Early Minnesota; Stowell's Evergreen; Early Evergreen; Black Mexican.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; lb. 25c; 10 lbs., any variety, \$2.25. Postpaid.

CORN SALAD

Broad Leaved. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$2.00.

CRESS

Garden Curled or Pepper Cress. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.00.

True Water Cress. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.00.

CUCUMBERS

CULTURE—Drop in hills 4 to 6 feet apart, as soon as the weather becomes settled and warm. Scatter 8 or 10 seeds to a hill and cover half an inch deep, and pat it down with a hoe. Hoe often, and when out of danger of insects thin to 4 plants to a hill. June and July is the time to sow for pickling. One ounce to 50 hills; two pounds to an acre.

All Postpaid. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

EARLY WHITE SPINE

Vines vigorous, fruiting early and abundantly; fruit uniformly straight and handsome, dark green, with a few white spines; flesh tender and of excellent flavor. In this country this variety is used more, perhaps, than any other, for forcing under glass.

EARLY FRAME

Of early growth and vigorous; fruit medium size and straight. It is popular for both table use and pickling.

BOSTON PICKLING

A distinct variety which has attained great popularity in the Boston market as a pickle. Medium long, a great producer.

JAPANESE CLIMBING

While all cucumbers are running vines, this variety is much more so than others. It climbs quickly on poles or trellises, and is entirely distinct. The quality is splendid and well adapted for pickling and salads. The great advantage of having a cucumber trained on a pole or fence is evident.

IMPROVED LONG GREEN

Unquestionably this is the most popular general purpose cucumber in the West. When matured it is 9 to 12 inches long, very solid and crisp, and retains its dark green color until nearly ripe. One of the best for small pickles if pickled properly.

DAVIS PERFECT

This is one of the very best cucumbers grown, both for forcing and for out of doors. It is slim and symmetrical in shape, and from 9 to 12 inches long, and of a dark, glossy green color, changing to white, without a streak of yellow, only when nearly ripe.

EVERBEARING

This variety is of small size, very early, enormously productive, and valuable as a green pickle. Its peculiar merit, however, is that the vines continue to flower and produce fruit until killed by frost, whether the cucumbers are picked off or not.

ENDIVE

CULTURE—It is the same as lettuce. In order to bleach the green varieties, gather all the green leaves together and tie them for a few days. It furnishes an appetizing salad for the fall and winter months.

GREEN CURLED

Leaves finely cut and lacinated; bleaches very readily.
Pkt. 10c; oz. 15c.

EGG PLANT

CULTURE—Sow in hotbeds very early in the spring; thin them out as soon as big enough to be handled to three or four inches each way; and transplant to 2 or 3 feet apart in very rich, warm ground. Do not plant them outside until the nights are real warm, as the least frost will, if it does not kill them, check the growth and it will take two or three weeks before they get over it. Hoe often and hill up gradually till they blossom. One ounce to 1,500 plants.

NEW YORK IMPROVED**Large Purple Spineless**

This variety has about superseded all others, both for market and home garden: a favorite in Idaho. Our stock is extra selected direct from the best growers.

Pkt. 10c; $\frac{1}{4}$ oz. 15c; oz. 40c; lb. \$1.50.

GARLIC

The garlic is the most pungent of all the onion family. It is much used in the south of Europe. The root or bulb is composed of many small bulbs called "cloves," which are planted in the spring, 6 to 8 inches apart, and in August the bulbs are ready to gather.

Bulbs, lb., 50c. Ask for quantity price.

KOHL-RABI

CULTURE—Sow in the spring in rows 18 inches apart, afterwards thin to 8 to 10 inches in the row. The edible part of the turnip-shaped bulb is formed by the enlargement of the stem. When used for the table they should be cut when quite small, as it is then very tender and delicate, but if allowed to reach its full size it becomes tough and stringy. One ounce produces 2,000 plants.

EARLY WHITE VIENNA

The earliest and best for forcing; very tender; excellent for table use.
Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c.

EARLY PURPLE VIENNA

Same as above, only differs in color.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c.

LETTUCE

CULTURE—The early sowing may be made under glass, in January or February, keeping the plants thin and admitting plenty of air every fine day. For a succession outside, sow every two weeks, as soon as the ground is open, in drills one foot apart, covering the seed about $\frac{1}{4}$ inch deep and thinning out to 6 or 8 inches in the row. For a cut salad sow thicker and do not thin out. They do best in a rich and moist soil. One ounce to 3,000 plants.

NEW YORK, LOS ANGELES, OR WONDERFUL

(The Best Head Lettuce for Market Growers)

This is the mammoth head lettuce so popular in California, called "Los Angeles." The immense heads are solid, heavy, beautifully blanched to a creamy white, with bright green outer leaves. The quality is unsurpassed, being tender, crisp and sweet. "New York" is a hardy, rapid grower, deep rooted and resistant to drought; a slow seeder and sure to head under favorable conditions.

Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$2.50. Postpaid.

Ask for Quantity Prices

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	1 Lb.
Other Headed Varieties—					
Big Boston.....	\$.05	\$.15	\$.40	....	\$ 1.25
Improved Hanson.....	.05	.15	.40	....	1.25
California Cream Butter.....	.05	.15	.40	....	1.25
Early Prize Head.....	.05	.15	.40	....	1.25
Black Seeded Simpson.....	.05	.15	.40	....	1.00
Tennis Ball.....	.05	.15	.35	....	....
Curled or Loose Leaf—					
Grand Rapids.....	.05	.15	.40	....	1.25
Early Curled Simpson.....	.05	.15	.40	....	1.25
LEEK—					
Large London or Scotch Flag.....	.10	.25	.75	....	2.50

All Postpaid.

MUSK MELON AND CANTELOUPE

CULTURE—The soil must be light, rich and sandy; if grown on a heavy soil the quality will be poor and they will not be so early. When there is no more danger of frost drop 8 or 10 seeds in hills 6 feet apart each way, covering three-quarters inch deep. As soon as plants commence to run, thin out to three best plants in a hill and cultivate till the vines cover the whole ground. If slow to fruit, pinch off the growing shoots. Ashes or air-slaked lime sifted on the young plants while the dew is on is good to keep the insects out. One ounce will plant about 60 hills, and it takes two or three lbs, to one acre.

We offer the following varieties (Prices Postpaid):

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	1 Lb.
MUSK MELON—					
Rocky Ford, Salmon Tint.....	\$.05	\$.20	\$.60	\$.90	\$ 1.50
Van Buskirk's Netted Rock.....	.05	.20	.60	.90	1.50
Nutmeg, Green Flesh.....	.05	.15	.40	.60	1.00
Honey Dew, Creamy Yellow.....	.05	.20	.50	.90	1.50
Burpee's Spicy, Deep Salmon.....	.05	.20	.60	1.00	2.00
Banana, Salmon Red Flesh.....	.05	.20	.50	.75	1.50
Emerald Gem, Salmon Flesh.....	.05	.15	.50	.75	1.25
Hackensac, Green Flesh.....	.05	.15	.50	.75	1.25
Hearts of Gold, Salmon Flesh.....	.05	.15	.50	.75	1.50
Hoo Doo, Salmon Flesh.....	.05	.15	.50	.75	1.25
Khiva, White Flesh.....	.05	.15	.40	.75	1.25
Casaba.....	.05	.15	.40	.75	1.25
Pollock No. 10-25, Light Pink.....	.05	.15	.40	.75	1.25
CANTELOUPES—					
Burrell's Improved Watter's Solid Net, Light Green.....	.05	.15	.40	.75	1.40
Rust Resistant Rocky Ford, Green Flesh.....	.05	.20	.40	.75	1.25
Rocky Ford, Green Flesh.....	.05	.15	.40	....	1.25
Burrell's Gem, Reddish Orange Flesh.....	.05	.15	.50	....	1.50

WATERMELON

CULTURE—This is the same as for musk melons, except that they should be planted from 8 to 10 feet apart. One ounce for 30 hills; 3 or 4 pounds to an acre.

Prices Postpaid.	Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	1 Lb.
Phinney's Early.....	\$.05	\$.15	\$.30	....	\$ 1.00
Cole' Early.....	.05	.15	.30	....	1.00
All-Heart.....	.10	.35	....	1.75	3.00
Gypsy or Rattlesnake.....	.05	.15	.30	....	1.00
Cuban Queen.....	.05	.15	.30	....	.90
Kolb's Gem.....	.05	.15	.35	....	1.00
Halbert Honey.....	.05	.15	.35	....	1.00
New Tom Watson.....	.05	.15	.35	....	1.00
Kleckley's Sweet, No. 1 Improved.....	.05	.15	.40	....	1.15
Kleckley's Sweet, Stock Seed Improved..	.05	.15	.55	....	2.00
Klondike.....	.10	.20	.60	....	2.00

MUSTARD

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	1 Lb.
Fordhook Curled Mustard.....	\$.05	\$.15	\$.35	....	\$ .90
White English.....	.05	.15	.25	....	.50
Ostrich Plume.....	.05	.15	.30	....	.60

ONION

CULTURE—Onions thrive best in rather deep, rich, loamy soil, and unlike most vegetables, succeed well on the same ground for successive years. The ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to soften. As early in the spring as the ground is in working condition, commence operations by leveling the ground with a rake, and tread it firmly. Sow thinly in rows 14 to 15 inches apart, 4 pounds to the acre, and $\frac{1}{2}$ inch deep. Cover with fine soil and press down with the back of a spade or a light roller.

Riverside Sweet Spanish, Yellow Globe Danvers, Southport Red Globe, and Brown Australian are the leading commercial varieties grown in this section and Eastern Oregon.

All Postpaid.	Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	1 Lb.
YELLOW VARIETIES—					
Globe Danvers.....	\$.10	\$.25	\$.75	....	\$2.25
Prizetaker.....	.10	.30	.75	....	2.50
Brown Australian.....	.10	.25	.75	....	2.25
Riverside Sweet Spanish.....	.10	.40	1.40	....	4.50
RED VARIETIES—					
Southport Red Globe.....	.10	.25	.80	....	2.50
Large Red Wethersfield.....	.10	.25	.75	....	2.25
WHITE VARIETIES—					
Southport White Globe.....	.10	.25	.80	....	3.00
Silverskin.....	.10	.25	.75	....	3.00
Large White Lisbon.....	.10	.25	.80	....	3.00
Extra Early Barletta.....	.10	.30	1.00	....	4.00

Write for Quantity Prices

ONION SETS

White or yellow. Per lb. 25c five lbs. either variety, \$1.00. Postpaid.

OKRA OR GUMBO

Tall Okra. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Dwarf Okra. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c.

All Postpaid.

PARSLEY

Champion Moss or Triple Cured Parsley. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00. Postpaid.

Turnip Rooted or Hamburg. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00. Postpaid.

PARSNIP

Sugar or Hollow Crown. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00. Postpaid.

PEAS

CULTURE—Peas do best in sandy soil, not too rich or they will run up to vines. The smooth kinds can be sown as soon as the ground can be worked, but the wrinkled varieties should not be planted till it is warmer or they will rot. Sow in single or double rows from $1\frac{1}{2}$ to 3 feet apart, dropping a pea every inch and covering from 2 to 3 inches deep. For a succession, sow every ten days up to July. One pound to 50 feet of drill, 90 to 120 lbs. to an acre.

Order Early

PEAS

All Postpaid.	Pkt.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	1 Lb.	10 Lbs.
EARLY—					
Early Alaska.....	\$.10	....	\$ .20	\$.30	\$2.65
Select Little Gem.....	.10	....	.20	.30	2.65
Tom Thumb.....	.10	....	.20	.30	2.65
Little Marvel.....	.10	....	.20	.30	2.65
American Wonder.....	.10	....	.20	.30	2.65
Notts Excelsior.....	.10	....	.20	.30	2.65
Prosperity or Gradus.....	.10	....	.20	.30	2.65
Laxtonian.....	.10	....	.20	.30	2.65
SECOND EARLY—					
Dwarf Telephone.....	.10	....	.20	.30	2.65
Telephone, Tall.....	.10	....	.20	.30	2.65
Champion of England, Tall.....	.10	....	.20	.30	2.65
Stratagem.....	.10	....	.20	.30	2.65
Bliss Everbearing.....	.10	....	.20	.30	2.65
Gray Sugar.....	.10	....	.20	.30	2.65

PEPPER

CULTURE—Peppers should be started in a hot bed in February and March and not planted outside until the ground is warm and there is no danger of frost. Set the plants in rows 2 feet apart and 18 inches in the row. Hoe often and keep the weeds down. One ounce produces about 1,500 plants.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	1 Lb.
PEPPER—					
Large Sweet Spanish.....	\$.10	\$.60	\$1.50	....	....
Ruby King.....	.10	.60	1.50	....	....
Chinese Giant.....	.10	.60	1.50	....	....
Large Bell or Bull Nose.....	.10	.60	1.50	....	....
Monstrous Mammoth.....	.10	.60	1.50	....	....
New Neapolitan.....	.10	.50	1.50	....	....
Sweet Spanish.....	.10	.50	1.50	....	....
Celestial Pepper.....	.10	.50	....	....	....
Pimento Pepper.....	.10	.50	....	....	....
Red Cherry.....	.10	.60	....	....	....
Long Red Cayenne.....	.10	.60	....	....	....

POTATOES

Early or Late. WRITE FOR PRICES.

SWEET POTATOES

CULTURE—Sweet potatoes should be started in a hotbed and when the ground is warm and danger of frost passed the shoots are lifted carefully and planted in rows 4 feet apart and 2 feet in the row. Ridge high, according to sub-irrigation, as high as possible. They need considerable care until well started, but afterward will grow easily. They should be cultivated quite often, moving the vines to prevent rooting at the joints. They must be harvested before frost. One bushel of seed will produce 1,800 to 2,000 sprouts.

To insure prompt filling of orders for sweet potatoes, they must be engaged ahead.

Buyers will please note that owing to the tenderness of sweet potatoes, we do not guarantee the safe arrival of sweet potato seed or plants; however, we use all precaution possible in packing and time of shipping. Sweet potatoes should not be mailed.

YELLOW NANSEMOND

Standard variety of main crop. The best for short season localities.

Ten lbs. \$1.50; 25 lbs. \$3.25.

WHITE BERMUDA

Similar to the preceding, only shorter and thicker in size.

Ten lbs. \$1.50; 25 lbs. \$3.25.

RED BERMUDA

Specially adapted to Idaho. Home grown seed. Supply limited.

Ten lbs. \$1.50; 25 lbs. \$3.25.

SWEET POTATO PLANTS

Plants ready from May 1 to June 15. Our long experience in this line enables us to make shipment to long distance points, with comparatively no loss. However, we do not guarantee safe arrival, as oftentimes mail is delayed or something happens beyond our control. If wanted by mail, postage should be added, 15c for 50; 25c for 100 plants. Will make special rates on larger lots.

RED AND WHITE YAMS

Fifty plants 60c; 100 plants \$1.10; 1,000 plants \$9.00.

YELLOW JERSEY

Fifty plants 60c; 100 plants \$1.10; 1,000 plants \$9.00.

ORDER EARLY

PUMPKIN

CULTURE—Pumpkins are now principally cultivated for agricultural purposes. They are usually planted in fields of corn, but may be profitably raised in fields by themselves. Sow first of May, in hills 8 feet apart. One ounce to 30 hills; 4 lbs. to an acre. Varieties:

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	1 Lb.
King of Mammoth.....	\$.05	\$.15	\$.50	....	\$1.25
Sugar or Pie Pumpkin.....	.05	.15	.35	....	1.00
Tennessee Sweet Potato.....	.05	.15	.30	....	1.00
Big Tom.....	.05	.15	.25	....	.90
Cashaw or Crookneck.....	.05	.15	.30	....	1.00
Mammoth Tours.....	.05	.15	.35	....	1.25
Connecticut Field or Common Yellow...	.05	.15	.30	....	1.00
Japanese Pie.....	.05	.15	.30	....	1.00

All Postpaid.

RADISH

EARLY ROUND VARIETIES

CULTURE—Sow as early in the spring as the ground can be worked, and every two weeks throughout the season for a succession of crops. A warm, sandy loam, made rich and light by some good strong manure which is thoroughly rotted, will be most likely to make them brittle and free from worms. During the summer months use summer and winter varieties, as the early kinds get pithy. Winter radishes can be wintered over as easily as any root crop and furnish an acceptable relish. One ounce to 100 feet of drill; 10 pounds to an acre. Five-pound lots, in one variety, 15c less per pound, not prepaid.

All Postpaid.

RADISHES—	Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	1 Lb.
Crimson Giant.....	\$.05	\$.15	\$.30	....	\$1.00
Early Scarlet Turnip, White Tip.....	.05	.15	.30	....	1.00
Chinese White or Celestial.....	.05	.15	.30	....	1.00
Stuttgart.....	.05	.15	.30	....	1.00
Round Black Spanish.....	.05	.15	.30	....	1.00
French Breakfast.....	.05	.15	.30	....	1.00
Early Scarlet Turnip.....	.05	.15	.30	....	1.00
Long Bright Scarlet.....	.05	.15	.30	....	1.00
White Icicle.....	.05	.15	.30	....	1.00
China Rose.....	.05	.15	.30	....	1.00
Early Scarlet Globe.....	.05	.15	.30	....	1.00

RHUBARB

Linnaeus. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50.

Victoria. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50.

Rhubarb Roots: Six for 50c; 12, \$1.00. Postpaid.

SALSIFY OR OYSTER PLANT

Mammoth Sandwich Island. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

SQUASH

CULTURE—Sow about the middle of spring, in hills, the early sort about 4 feet apart, and the late varieties 6 to 8 feet apart. Drop enough seeds to be thinned to 3 plants in a hill. The hills should be highly manured and prepared in a similar manner as those for cucumbers.

One ounce to 40 hills for small sorts; large varieties, 1 ounce for 30 hills.

About four pounds for an acre.

SQUASH—	Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	1 Lb.
Banana.....	\$.05	\$.15	\$.50	....	\$1.35
Early White Bush.....	.05	.15	.30	....	1.10
Mammoth Summer Crookneck.....	.05	.15	.30	....	.90
Vegetable Marrow.....	.05	.15	.40	....	1.25
Golden Hubbard.....	.05	.15	.45	....	1.35
Fordhook.....	.05	.15	.40	....	1.00
Sibley's.....	.05	.15	.40	....	1.25
Essex Hybrid.....	.05	.15	.40	....	....
Mammoth Chili.....	.05	.15	.40	....	1.25
Delicious Squash.....	.05	.15	.30	....	1.00
Warty Hubbard.....	.05	.15	.45	....	1.35
Utah Field.....	.05	.15	.40	....	1.25
Mammoth Whale.....	.05	.15	.30	....	1.00
Table Queen or Des Moines.....	.05	.15	.50	....	1.50

Postpaid.

TOMATO

CULTURE—When the plants are to be raised, the seed should be sown in March, in a hotbed or greenhouse; or they may be sown in a box and kept inside the window of a room where the night temperature is not less than 65 degrees. The plants should be thinned out in the bed so as to give them plenty of room, or they will be weak and poor. They should also be set in the open ground from 4 to 5 feet apart each way. One ounce produces about 1,500 plants.

EARLIEST OF ALL

A large, bright red, extremely early variety, especially suitable for truckers and market gardeners. Try this for your early variety.

Pkt. 5c; oz. 40c; $\frac{1}{4}$ lb. \$1.50. Postpaid.

SPARK'S EARLIANA

Produces fruit earlier than any other variety. The quality is good, of large uniform size, red color. It is very solid, being a shy seeder. Every gardener will make a good profit on early tomatoes when raising Earliana.

Pkt. 5c; oz. 40c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50. Postpaid.

CHALK'S EARLY JEWEL TOMATO

About ten days later than Sparks' Earliana; of more robust growth; the foliage does not blight. Fruits good size, very solid and deep through. Color bright scarlet. Ripens right up to the stem without cracking. The flesh is bright scarlet, very solid, with comparatively few seeds, and of fine, sweet flavor. Skin thin; a good shipper.

Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 40c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00. Postpaid.

TOMATO—Continued

DWARF CHAMPION

This tomato owes its wide popularity to stiff, vigorous, upright growth, with fruit well above the soil, and to the earliness with which it reaches maturity. In color the fruit is purplish pink, and it is always round, smooth and symmetrical. Size medium, table quality superior; a good shipper.

Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 45c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00. Postpaid.

JUNE PINK

This new tomato resembles Earliana, except in color, which is a fine pink color. It is the earliest pink tomato grown, and is from 2 inches to $2\frac{1}{2}$ inches in diameter. The vines are very robust, almost blight-proof, and very heavy bearer, being the first on the market, and lasts till frost.

Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50. Postpaid.

PONDEROSA—Select Stock

A splendid variety of magnificent size, often attaining a circumference of 18 inches and weighing from 2 to 4 pounds. It is perfect in form, free from wrinkles, does not crack, smooth as glass, and is solid and meaty as beefsteak. Ponderosa is of excellent flavor, rich when sliced, and splendid for canning. The plant is luxuriant, healthy, independent of drought; free from blight, and a continuous and prolific bearer.

Pkt. 5c; oz. 45c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00. Postpaid.

OTHER STANDARD VARIETIES—					
	Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	1 Lb.
Stone.....	\$.05	\$.45	\$1.25	....	\$4.00
Red Head.....	.05	.45	1.35	....	5.00
Beefsteak.....	.05	.45	1.25	....	4.00
John Baer.....	.05	.45	1.25	....	4.00
Diener.....	.05	.45	1.25	....	4.00
Golden Queen.....	.05	.45	1.25	....	4.50
Yellow Plum.....	.05	.45	....	....	....
Yellow Pear.....	.05	.45	....	....	....
Yellow Ground Cherry.....	.05	.45	....	....	....

One-fourth ounce any of above varieties, postpaid, 15c.

SPINACH

CULTURE—It is one of the most easily managed of all vegetables, requiring little culture. The main crop is sown in September and it is sometimes covered with straw in exposed places during winter, which prevents it from being cut with the frost. For summer use it may be sown at intervals of two or three weeks from March to August. Spinach is best developed, most tender and succulent, when grown in rich soil. One ounce to 100 feet of drill; 10 to 12 pounds to an acre. Five pounds or more of one variety, not prepaid, at 10c less per pound.

ROUND SUMMER

This variety is generally preferred for early spring sowing, and is popular with the market gardeners. Leaves large, thick and fleshy. Not quite so hardy as the prickly, but stands winter well.

Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 75c. Postpaid.

LONG STANDING

An improved strain of excellent merit, having all the good qualities of the ordinary sorts. What renders it especially desirable is the fact that it is much later in going to seed than any other variety.

Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 75c. Postpaid.

AMERICAN CURLED SAVOY LEAVED SPINACH

A most valuable variety. In appearance the leaf is wrinkled in the same way peculiar to Savoy Cabbage, from whence the name. It produces nearly twice the bulk of crop as the ordinary sort, is fully as hardy, and in all respects equal.

Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 75c.

Postpaid.

IMPROVED THICK LEAVED

A variety which grows very rapidly, forming a cluster of large, very thick, slightly savoyed leaves of fine color and quality, when cooked. Best for market gardeners.

Pkt. 10c; $\frac{1}{4}$ lb. 30c; lb. 75c. Postpaid.

KING OF DENMARK

The most valuable of new introductions of early sorts, remaining in good condition from one to two weeks after other varieties have gone to seed. The plants are of rapid growth, leaves thick and stand well after cutting.

Pkt. 10c; $\frac{1}{4}$ lb. 40c; lb. \$1.00. Postpaid.

TOBACCO

CULTURE—Tobacco in this part of the country should be started in a hotbed in March and treated the same as tomato.

HAVANA

Pkt. 10c; oz. 40c.

TURNIP

CULTURE—Turnips do best in highly enriched, light sandy or gravel soil. Commence sowing early varieties in April in drills from 12 to 15 inches apart, and thin out early to 6 inches in the rows. For a succession, sow at intervals of a fortnight until the last week in July, from which time until the end of August sowing may be done for the main crop. One ounce will sow 150 feet of drill; 1½ pounds to an acre.

Five pounds of any variety, not prepaid, at 15c less per pound.

EARLY VARIETIES

EXTRA HARDY WHITE MILAN

The earliest in cultivation. The bulb is very flat, of medium size, quite smooth. It is pure white, thus making it especially desirable for forcing.

Pkt. 10c; oz. 20c; ¼ lb. 40c; lb. \$1.25. Postpaid.

PURPLE TOP—STRAP LEAVED

The standard of this part of the country. Superior for early or late planting. Round, flat, good sized, small top with but few leaves; flesh very fine grained; flavor good.

Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 90c. Postpaid.

EARLY WHITE EGG

A quick growing, egg-shaped, perfectly smooth, pure white variety, growing half out of the ground, with small top and rough leaves. Its smooth, white skin and quick growth make it peculiarly desirable for market purposes. The flesh is very sweet, firm and mild, never having the rank, strong taste of some varieties.

Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 90c. Postpaid.

EARLY WHITE FLAT DUTCH—STRAP LEAVED

This is a popular early turnip for table use. For autumn and early winter use, this and the purple top are highly popular.

Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 90c. Postpaid.

AMBER GLOBE OR STRAP LEAVED

One of the best varieties for table use or for a field crop for stock. Flesh yellow, fine grained and sweet, color of skin yellow with green top. Hardy, keeps well, a good cropper, grows to a very large size.

Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. 90c. Postpaid.

EXTRA EARLY PURPLE TOP MILAN

A bright purple top, leaves few, short and light of color, growing very compact, and making an exceedingly small and neat top. The pure white flesh is of the choicest quality, hard, solid and fine-grained. It is an excellent keeper.

Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25. Postpaid.

GOLDEN BALL

Undoubtedly one of the most delicate and sweetest yellow-fleshed turnips yet introduced. Not of large size, but firm, hard and most excellent flavor. Keeps well and is superior as a table variety. It is extensively used by market gardeners.

Pkt. 5c; oz. 20c; ¼ lb. 40c; lb. \$1.00. Postpaid.

PURPLE TOP WHITE GLOBE

Large size, rapid growth, unusually attractive, and admired by all.

Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. 90c. Postpaid.

YELLOW ABERDEEN

Round, medium size, light yellow. Produces a large crop, is hardy and keeps well. Flesh very firm but tender and sweet. A great favorite with the dairymen.

Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. 90c. Postpaid.

RUTABAGA

WHITE SWEET RUSSIAN

Flesh white, hard and firm; partaking much of the nature of a rutabaga. Must be sown much earlier than the flat turnip. In the autumn and early winter is apt to be hard, but mellows like an apple by keeping.

Pkt. 5c; oz. 15c; ¼ lb. 30c; lb. 90c. Postpaid.

MONARCH OR TANKARD

This is a yellow sort, having very large tankard-shaped roots. Flesh very solid, fine grained, of fine flavor; grows well out of the ground and yields large crops.

Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 90c. Postpaid.

YELLOW PURPLE TOP RUTABAGA

Hardy and productive, flesh yellow, of solid texture, sweet and well flavored; shape slightly oblong, terminating abruptly with no side or bottom roots; color deep purple above and bright yellow under the ground; leaves small, light green, with little or no neck; the most perfect in form, the richest in flavor, and the very best in every respect.

Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 90c. Postpaid.

HERBS

The Following Herb Seeds 5c a Packet

Anise, Balm, Borage, Caraway, Catnip or Catmint, Chervil, Coriander, Dandelion, Hop, Horehound, Hyssop, Lavender, Rosemary, Sage, Saffron, Savory, Sorrel, Sweet Basil, Sweet Fennel, Sweet Marjoram, Tarrogon, Sweet Thyme, Wormwood.

VEGETABLE PLANTS

We are prepared to furnish plants in any quantity of the varieties described below, all Idaho grown especially for us. The plants are grown from select seeds, and you can depend on the plants being true to name. We exercise great care to produce strong, vigorous plants and see that they are packed properly for transportation. We advise sending by express, and the following prices do not include postage. If wanted by mail, add 6c postage per dozen or 30c per hundred for postage.

VEGETABLE PLANTS—	Per Doz.	Per 100
Early Cabbage—From Seed Bed. Early Winningstadt, Jersey Wakefield, ready May 1.....	.20	\$1.25
Late Cabbage—Seed Bed. Copenhagen, Flat Dutch, Danish Ball Head, ready June 1.....	.20	1.00
Early Snowball Cauliflower, ready in May.....	.25	1.50
Late Cauliflower—Snowball, ready in June.....	.25	1.25
Tomatoes—Earliana, Chalk's Early Jewel, Stone and Beauty, ready May 1 from seed bed.....	.20	1.25
Peppers—Ruby King, Sweet Spanish, seed bed, ready May 15..	.25	1.50
Egg Plant—New York Improved, seed bed, ready May 15....	.30	2.00
Early Celery—Golden self-blanching, ready on May 10.....	.20	1.25
Late Celery—Giant Pascal, Golden self-blanching, ready June 25	.20	1.25
Sweet Potatoes—Yellow Jersey, Red and White Yams, ready on May 15.....	.20	1.10

Ask us for special prices in large quantities.

STRAWBERRY PLANTS

PROGRESSIVE EVER-BEARING

Kellogg Strain

Twenty-five plants postpaid, 60c; 100 plants postpaid, \$1.25; by express, \$10.00 per thousand.

SUMMER BEDDING PLANTS

Ready for shipment about May 1. Prices quoted below do not include postage. Add 8 c per dozen or 30c per 100 for postage if wanted by mail.

Pansies—Very choice varieties, extra large. Per dozen, 50c to.....	\$.75
Asters—Crego Giant:	
Mixed Colors, per dozen.....	.30
Solid Colors, white, pink, purple, lavender. Dozen.....	.30
Salvia (Scarlet Sage)—One of the most beautiful flowering plants; flowers flaming scarlet color. Dozen.....	.75
Verbena—Mixed Colors. Dozen.....	.50

"BLACK LEAF 40"

"Black Leaf 40" is a concentrated solution of nicotine sulphate. It is perfectly soluble in water; no clogging of nozzles. Packed with full directions.

1 oz. (about 6 gals. spray).....	\$.35
$\frac{1}{2}$ lb. (40 to 150 gals. spray).....	1.25
2 lbs. (160 to 600 gals. spray).....	3.50
10 lbs. (800 to 3,000 gals. spray).....	13.50

Not Mailable.

FLOWER SEEDS

BOTH BULK AND PACKET

	Pkt.	Oz.
Ageratum.....	\$.05	.....
Alyssum.....	.05	.....
Snapdragons.....	.10	.....
Columbine.....	.10	.....
Crego's Giant Asters—		
Shell Pink, Azure Blue, Purple, Lavender, Rose Pink, Crimson, White, Dark Blue.		
Any of above, $\frac{1}{4}$ oz., 50c; Pkt.....	.10	.....
Crego's Giant, mixed, $\frac{1}{4}$ oz. 45c; Pkt.....	.10	.....
Comet Asters.....	.10	.....
Balsam, Pkt. 5c or.....	.10	.....
Bachelor Button.....	.05	.....
Beans, ornamental.....	.05	.....
Calendula Officinalis, Pkt. 5c and.....	.10	.....
Candytuft.....	.05	.....
Calliopsis, Pkt. 5c and.....	.10	.....
Canterbury Bell.....	.10	.....
Carnation.....	.10	.....
Canna.....	.10	.....
Castor Bean, Pkt. 5c or.....	.10	.....
Chrysanthemum.....	.10	.....
Convolvulus.....	.10	.....
Imperial or Japanese Morning Glory.....	.10	.....
Cosmos, early flowering, Pkt. 5c and.....	.10	.....
Coxcomb.....	.10	.....
Cypress Vine.....	.10	.....
Dahlia.....	.10	.....
Double Daisy.....	.10	.....
Hollyhock.....	.10	.....
Japanese Hop.....	.10	.....
Larkspur, Annual.....	.05	.....
Larkspur, Perennial.....	.10	.....
Linaria.....	.10	.....
Marigold, Tall African.....	.10	.....
Marigold, Dwarf French.....	.05	.....
Lobelia.....	.10	.....
Mourning Bride.....	.10	.....
Moonflower.....	.10	.....
Nasturtiums, tall.....	.05	.10
Nasturtiums, dwarf.....	.05	.10
Giant Pansies—		
Extra Fine Bedding, mixed.....	.10	.....
Extra Choice, mixed.....	.20	.....
Mastodon Pansies.....	.20	.....
Petunias—		
Single Flowering.....	.10	.....
Ruffled Giants.....	.20	.....
Pinks, mixed.....	.10	.....
Portulaca.....	.10	.....
Poppies—		
Single or Double.....	.10	.....
Shirleys.....	.10	.....
Iceland.....	.10	.....
Oriental Poppy.....	.10	.....
California, yellow.....	.10	.....
California, mixed.....	.10	.....
Salpiglossis, mixed colors.....	.10	.....
Salvia.....	.10	.....
Stocks.....	.10	.....
Sweet William.....	.10	.....
Thunbergia.....	.10	.....
Verbena.....	.10	.....
Wallflower.....	.10	.....
Wild Cucumber.....	.05	.....
Zinnia.....	.10	.....
Sweet Sultan.....	.10	.....
Wild Flower Garden.....	.10	.....

SWEET PEAS

NEW EARLY FLOWERING SPENCERS

Every garden should have a row of sweet peas. A nice row of them will provide you with a beautiful bouquet day after day. Plant them early, give them good, rich soil, pick the blossoms every day, and you will be richly rewarded for your trouble.

CULTURE—Sweet Peas do best in good, rich soil that is inclined to be a little clayey. Fall is the best time to prepare the soil, especially if manure is used. Pea vines like moist soil, and often the heat originated by the manure, combined with the heat from the sun, is too much for the vines. They turn yellow and die. Use a good commercial fertilizer or else apply the manure in the fall. Dig a trench a foot deep and about 16 inches wide and mix in this about six inches of top soil with good manure or commercial fertilizer. Plant the seeds in this trench in two rows, dropping the seeds about two inches apart. Cover about two inches deep and then gradually fill the trench as the plants grow. The trench should be made so that water will drain off. The seeds should be planted just as early in the spring as possible, as late sowing produces rank growth but few flowers. Provide a trellis, wire or brush for the vines to climb on and pick the flowers every day. An application of bone dust and nitrate of soda will hasten the blooming time.

If you want your Sweet Peas to do wonderfully well, use Nitragin.

Garden Size, 20c.

SPENCER'S BEST SWEET PEAS

All Postpaid.

	Pkt.	Oz.
Dobbies Cream.....	\$.10	\$.30
King White, the best pure white.....	.10	.30
King Edward, bright crimson scarlet.....	.10	.30
Illuminator, a rich salmon pink.....	.10	.30
Sterling Stent, deep salmon.....	.10	.30
Othello, deep maroon.....	.10	.30
Countess, soft rose pink.....	.10	.30
Lady Evelyn Eyre, pink.....	.10	.30
Royal Purple, deep purple.....	.10	.30
Florence Nightingale, lavender.....	.10	.30
Mrs. Hugh Dickson, pinkish apricot on a cream ground.....	.10	.30
Wedgewood.....	.10	.30
Mixed Spencers.....	.10	.25

GRANDIFLORA VARIETY

Grandiflora, mixed.....	.10
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An ounce of seed will plant 16 feet.

FIELD SEEDS

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

WRITE FOR QUANTITY PRICES

GRASS SEED

The laws of Idaho are very strict with reference to sale of seeds containing noxious weeds. We give this department our special attention, selecting only such seeds as pass the pure seed law, and your orders will be filled with strictly first class seed of good germination. We are unable to quote prices covering the season, owing to fluctuation of prices, and we ask you to write us for quantity prices.

ALFALFA OR LUCERNE

This plant is too well known in this state to require description, being especially adapted to our soil and climatic conditions. The large long roots penetrate deep into the soil and gather nitrogen, thus increasing the fertility to the highest point. All seed offered is high grade state tested. Sow 12 to 15 pounds per acre.

Domestic, 25c per lb; 100-lb. lots, \$21.00.

GRIMM ALFALFA

An Alfalfa Which Is Extra Hardy and Vigorous

Grimm Alfalfa is drought resisting, winters perfectly, thrives on all soils except undrained meadow land, and is unaffected by extreme heat or cold, wet or dry climate. Its feeding value is of the highest, and the plant stools more than the ordinary alfalfa, so that, when sown broadcast, 8 pounds of seed per acre is sufficient. If your conditions are such as to require an extreme hardy, drought resisting alfalfa, you will find that Grimm Alfalfa will be the best for these conditions. Genuine certified variety, prepaid, 50c per lb

Write for quantity prices.

25 lbs., postpaid, 42c per lb.

TURKESTAN OR DRY LAND ALFALFA

Imported Seed

We recommend this for situations where water is not abundant. We suggest that it be seeded a little heavier than the ordinary type, as it is inclined to become coarse and woody, and thick growing will produce finer plants. We can supply this in original package, or in smaller quantity. Price per lb. 35c. Write or wire us for prices on larger quantities.

GENUINE COSSACK ALFALFA

This variety comes from a region in Siberia where the total annual precipitation does not exceed eight inches, and the temperature varies from 106 degrees in summer to 50 degrees below in winter, often without snow. Planted in rows 2x4 feet or 5444 plants to the acre.

One lb. 75c; 5 lbs. \$3.00; 10 lbs. \$5.75.

Write for Quantity Prices.

CLOVERS

Red, high grade.....	\$.40
Crimson.....	.40
Alsike.....	.40
Alsike and White, mixed, for pasture.....	.30
White Clover, extra fancy.....	.60
White Clover, extra good.....	.50
White Clover, good.....	.45
White Clover, choice.....	.40
Sweet Clover, white blossom.....	.22½
Sweet Clover, yellow blossom.....	.22½

Write for Quantity Prices, all f.o.b. Boise.

GRASSES

	1 Lb.	25-Lb. Lots, a Lb.
Kentucky Blue Grass, 19 lbs. to bu.....	\$.37½	\$.35
Kentucky Blue Grass, 21 lbs. to bu.....	.40	.37½
Perennial Rye Grass.....	.25	.22½
English Blue or Meadow Fescue.....	.30	.27½
Orchard Grass.....	.30	.25
Timothy.....	.12	.11
Red Top.....	.40	.37½
Bromus Inermis or Hungarian Brome Grass.....	.25	.20
Union Pasture Mixture.....	.30	.27½
Creeping Best Grass.....	.65	.62½
Canadian Blue Grass.....	.40	.35
Tall Meadows Oat Grass.....	.40	.35
Sudan Grass.....	.15	.11

MILLETS

Golden Millet.....	\$.10
Early Fortune.....	.10
Japanese Millet.....	.10
New Siberian or Russian Millet.....	.10

Write for Quantity Prices.

MISCELLANEOUS

	1 Lb.
Dwarf Essex Rape.....	\$.15
Cow Kale, per ounce 10c.....	
Sugar Cane or Sorghum.....	.15
Silver Hull Buckwheat.....	.15
Japanese Buckwheat.....	.15
Hemp Seed.....	.15
Sunflower Seed, Mammoth Russian— ¼ lb. 10c; 1 lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.65. Postpaid.	
Flax Seed.....	.20
Jerusalem Corn.....	.15
Red Kaffir Corn.....	.15
Feterita.....	.15
Oklahoma Broom Corn.....	.15
Milo Maize.....	.15
Vetch, Common or Spring.....	.15
Vetch, sand or winter.....	.25
Peanuts.....	.30
Canadian Field Peas.....	.10
Early Soya Beans.....	.20

Write for Quantity Prices.

SEED CORN

	1 Lb.	12 Lbs.
Selected Idaho Yellow Dent.....	\$.10	\$1.00
Selected Northwestern Dent, for dry land.....	.10	1.00
\$7.50 per cwt.		
Japanese Hulless Popcorn, postpaid, per lb.....		.20

GRAIN—Recleaned and Sacked

Write for Quantity Prices
SPRING WHEAT

	1 Lb.	100 Lbs.
Marquis.....	\$.04	.....
Dicklow.....	.04	.....
Early Baart.....	.04	.....
Bunnyip.....	.04	.....
Blue Stem.....	.04	.....
Federation Soft.....	.04	.....
Federation Hard.....	.04	.....

BARLEY

Trebi.....	\$.03	\$2.50
White Hulless Barley.....	.04	3.25

RYE

Spring.....	\$.03	\$2.75
Fall.....	.03	2.50

OATS

Idamine.....	.03	2.75
Hulless Oats.....	.07	5.00

FIELD BEANS

Idaho's, Montana Whites, White Navy.
 Write for Quantity Prices.

SWIFT'S FERTILIZERS

We have in stock the following:

	N.	P.	Pot.
Swift's Red Star Lettuce Fertilizer.....	3	10	7
Swift's Red Steer Special.....	4	24	4
Swift's Red Steer "A" Special.....	4	10	2
Swift's Red Steer "B" Fertilizer.....	2	12	3
Swift's Red Steer "C" Fertilizer.....	3	10	4
Swift's Red Steer "D" Fertilizer.....	4	7	6
Swift's Red Steer "E" Fertilizer.....	3	10	10
Swift's Red Steer Orchard Dressing.....	13	9	..
Swift's Red Steer Rose Lawn Fertilizer.....	6	10	0
Swift's Red Steer No. 1 Tankage.....	9	5	0
Swift's Red Steer No. 5 Tankage.....	5	8	0
Swift's Red Steer Blood Meal.....	16½	0	0
Swift's Red Steer Raw Bone Meal.....	4½	12	0
Swift's Red Steer Bone Meal.....	2¾	28	0
Swift's Red Steer Acid Phosphate.....	0	17½	0
Swift's Nitrate of Soda.....	18	0	0
Swift's Sulphate of Ammonia.....	25	0	0
Swift's Treble Superphosphate.....	0	45	0
Swift's Blood Meal.....	16	0	0
Swift's Muriate Potash.....	0	0	52
Swift's Fish Meal Fertilizer.....	8	8	0

N. Nitrate; P. Phosphoric Acid; Pot. Potash.

Those who used NITRATE OF SODA last season are more than pleased with results. For stimulating and forcing growth of trees and plants it is unexcelled, if scientifically applied.

We ship in carload lots and shall be pleased to quote on any quantity desired. Single pound, 10c. Write for quantity prices.

SULPHATE OF AMMONIA

Swift's Arcadian Sulphate of Soda is the most concentrated nitrogenous top-dressing on the market. Guaranteed 25 per cent. Ammonia, and containing no borax.

It is fine and dry and easily spread by hand or drill. The crop producing power of the ammonia is equal to that of any fertilizer.

Can furnish car lots, ton lots or bag lots. Get our prices.

SWIFT'S ROSELAWN FERTILIZER

A highly concentrated fertilizer for all purposes, especially recommended for all Garden Truck and for LAWNS, ROSES, Sweet Peas and other flowers.

Price, 25-lb. Sack, \$1.25; 50-lb. Sack, \$2.35; 100-lb. Sack, \$4.50. Write for booklet.

STEAMED BONE MEAL

This is one of the best Fertilizers, very valuable enricher of the soil and economical in price.

ACID PHOSPHATE

This is the same as superphosphate and is used extensively by orchardists in conjunction with sulphate of ammonia with profitable results, as it greatly assists in increasing tonnage.

SWIFT'S RED STEER ORCHARD DRESSING

Orchard Dressing is a well-balanced fertilizer containing all the elements essential to growing good, healthy fruit trees and producing the maximum quantity of fruit of superior quality. It contains steamed bone meal, which in itself is an excellent fertilizer, the analysis showing 13 per cent. available ammonia and $4\frac{1}{2}$ per cent. phosphoric acid.

SULPHUR

For SHEEPMEN and ORCHARDISTS, and also as a FERTILIZER. Recent field experiments in the Northwest, particularly with alfalfa fields, have demonstrated the fact that SULPHUR is one of the most valuable materials that can be applied to the soil, not only being readily taken up as a powerful stimulant by practically all classes of vegetation, but having the further and more valuable property of making available insoluble potash and phosphoric acid contained in all soils, as well as being an effective fungicide and insecticide.

Write for prices on quantity.

BAG LOTS, TON LOTS OR CARLOAD

NITRAGIN CULTURE

EVERY GARDEN NEEDS NITRAGIN

New Garden Culture for Peas and Beans

$\frac{1}{4}$ Bushel size 40c; $\frac{1}{2}$ Bushel size 60c; 1 Bushel size \$1.00; 5 Bushel size, \$4.75. Garden (peas, beans, sweet peas)—three-in-one package, 20c.

STATE WHAT CROP YOU WANT THE NITRAGIN FOR

POULTRY SUPPLIES

QUEEN INCUBATORS



Stop hatching weak chicks with cheap incubators. A Queen costs but little more and the extra chicks that live and grow soon pay the difference.

Remember, it is not how many chicks you hatch that counts, but how many chicks you raise. Chicks that hatch out weak and wobbly and live but a few days mean nothing to you but trouble and loss. They make one sick of the poultry business.

Most of the chicks you lose in the first few weeks die because they did not have, when hatched, enough strength or vitality for a good start. Queen Incubators are famous the country over for big hatches of strong, healthy chicks that live and grow.

Proper Insulation

The Queen is double insulated. First we use double walls of California Redwood, forming a dead air space. Second, corrugated strawboard is used between the wooden walls. Proper insulation adds considerable to the manufacturing cost. However, it is an absolute requirement of a good incubator.

SIZES AND PRICES F. O. B. BOISE

Style K			
No.	Capacity		Each
20.....	70-egg.....		\$ 13.00
21.....	130-egg.....		30.75
22.....	220-egg.....		40.50
Regular Style			
No.	Capacity		Each
1.....	85-egg.....		\$ 30.50
2.....	135-egg.....		41.00
3.....	180-egg.....		48.25
4.....	275-egg.....		62.50
5.....	400-egg.....		73.75
25.....	600-egg.....		116.00
35.....	800-egg.....		144.50
45.....	1000-egg.....		173.00

Note—Special Descriptive Booklets on the Queen Incubators and Brooders sent free on request. Plan your requirements early, so that your machines will be ready when wanted.

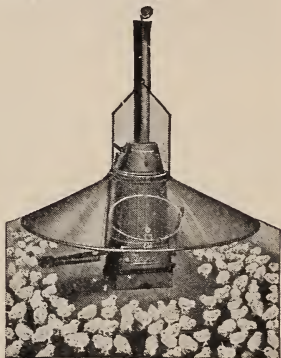
QUEEN BROODER STOVES

Broods 'Em Better and Cheaper Than "Old Mother Hen"

The Queen Colony Brooder is a new and improved design of brooder stove. It is made of highest quality iron castings that will wear and last indefinitely.

There are no drafts in the smoke pipe of the Queen. The check rests on top of the stove and opens outward when fire is too warm, thus giving a gentle inflow of air to retard the heat. While the opening of the draft to increase the fire is located at the top of the stove, it opens into the fire at the base through an opening extending down the side of the bottom. This feeds the draft into the fire from underneath, with no opening below the cover.

As will be seen from the illustration, the check and the draft lids are cast together and operated together. Thus when the fire is too hot, the wafer expands and closes the draft and opens the check, both at the same time. When it is too cool, the wafer contracts and closes the check and opens the draft. This keeps an even heat all the time, both day and night, in cold weather or warm, and does it automatically. You don't have to pay any attention to it whatsoever. Just set the register for the proper temperature at the start of the season. It will do the rest. Four sizes. Takes four-inch pipe.



Burns Any Kind of Fuel

The Queen Stove burns any kind of fuel, but to get the most satisfactory results we recommend chestnut or baseburner size in anthracite hard coal, or briquettes burn equally well. Hard coal will not cause the pipe to become dirty and gives intense and protracted heat, thus saving getting up at night to replenish fuel.

BROODER COAL

Colorado Anthracite. Long lasting. No soot. Prices on application.

PUTNAM BROODER HEATER

(Patented June 13, 1916—December 11, 1917)

This Fire-safe Putnam Brooder Heater is the heart of the Putnam home-made brooder. It requires tending only once a week and can be relied upon to deliver a regular supply of heat. This practical brooder is made out of a shoe box approximately 32 inches long, 16 inches wide and 10 inches deep. It will accommodate from 35 to 60 chicks.

Price \$4.75, postpaid.

MOE'S OAT SPROUTER

Steel frame, well braced and painted. With six heavy galvanized iron pans, which are interchangeable. Provides the very necessary green feed at all seasons.

Total height, 3 feet. Size of pans, 16x18 inches. No. 110, Moe's Oat Sprouter, each.....\$6.00



THE LITTLE PUTNAM STOVE

Used under the drinking vessels of the poultry house to keep the water from freezing in the coldest winter weather. Used as the heat element for a Putnam Home-made Oat Sprouter. You get greatest egg yield by keeping water from freezing and feeding some form of live green food. Take a little Putnam and make your own sprouter. Plans free with each stove.

Wonderful Results. Little Expense.

Price, \$1.95, postpaid.

HEATERS

Moe's Fountain Heater, postpaid.....\$ 2.00
Putnam's Little Stove, postpaid..... 1.95

SPRAY PUMPS

All-tin, quart bowl.....\$.50
Barrel Tin, continuous, quart bowl, galvanized..... .90
Barrel Tin, continuous, quart brass bowl..... 1.10
All Brass, continuous, quart size..... 1.25
Bucket, brass cylinder..... \$3.50, \$4.00 and up
Auto, 12-gal., galvanized, 20-inch wheel..... 25.00
Auto, 5-gal., galvanized..... 6.50

GARDEN DRILLS AND CULTIVATORS

Wright's Planter, onion and lettuce special.
Planet Junior, hill and drill seeder.
Planet Junior Cultivator.
Herschel's No. 20 Cultivator, 20-inch wheel.
Prices on request.

THERMOMETERS

Brooders, 75c and.....	\$ 1.00
Incubator, 75c, \$1.00 and.....	1.50
Hygrometers for Incubator.....	1.50

CAPONIZING SETS

\$3.50 and \$4.00

LEG BANDS AND RINGS

Moe's Aluminum adjustable, best grade, 12 bands.....	\$.15
Moe's Aluminum adjustable, best grade, 25 bands.....	.25
Moe's Aluminum adjustable, best grade, 50 bands.....	.45
Moe's Aluminum adjustable, best grade, 100 bands.....	.75
Moe's Aluminum, 500 bands.....	3.50

Moe's Celluloid Rings in six colors, best grade, priced as above.

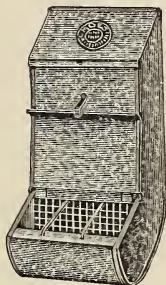
NEST EGGS

China, heavy grade, each.....	\$.05
China, heavy grade, per dozen.....	.35
Lime, a wonderful new non-breakable, per dozen.....	.40

MOE'S DRY MASH HOPPER

A strictly high quality hopper, properly designed. The curved bottom keeps the feed in easy reach. and the taper shape of the hopper prevents the feed from clogging. Height 19 inches.

No. 35, width 8½ inches. Each.....	\$ 1.65
No. 36, width 12 inches. Each.....	2.20
No. 13, width 13 inches. Each.....	2.40
No. 37, width 24 inches. Each.....	3.10
No. 3 Mammoth, capacity 100 lbs. Each.....	11.50



MOE'S IMPROVED TOP FILL FOUNTAIN

Provides pure, fresh water at all times. The double wall construction retards freezing and keeps water cool in summer. Fills from the top; easily cleaned and feeds automatically.

No. 1, capacity 1 gallon. Each.....	\$ 1.85
No. 2, capacity 2 gallons. Each.....	2.65
No. 4, capacity 4 gallons. Each.....	3.50

FEEDERS

Moe's Round, 6-inch, baby chick size.....	\$.15
Moe's Round, 8½-inch, baby chick size.....	.25
Moe's Feeding Trough, 12-inch, hen size.....	.35
Moe's Feeding Trough, 18-inch, hen size.....	.50
Moe's Feeding Trough, 24-inch, hen size.....	.65
Moe's Feeding Trough, 12-inch, single, baby chick size.....	.30
Moe's Feeding Trough, 18-inch, single, baby chick size.....	.40
Moe's Feeding Trough, 24-inch, single, baby chick size.....	.50

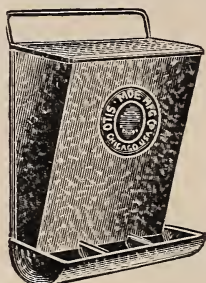
MOE'S DOUBLE FEEDING TROUGHS



Double trough with sliding top, easily filled and cleaned. Accurately stamped with dies. No rough edges.

No. 58, length 12 inches.....	\$.40
No. 59, length 18 inches.....	.55
No. 60, length 24 inches.....	.65

MOE'S GRIT AND SHELL BOXES



Economical and practical for feeding grit, shells, etc.; keeps the fowls in prime, healthy condition.

No. 9, 3-compartment. Each.....	\$.95
No. 90, 4-compartment. Each.....	1.25

Earthenware Buttermilk Fount Prices on Application

Poultry and Stock Foods and Remedies

Dr. Hess' Stock Food in 25-lb. pails, each.....	\$ 3.50
Dr. Hess' Stock Food, in 10-lb. cartons.....	1.50
Dr. Hess' Stock Food in 4½-lb. cartons.....	.75
Dr. Hess' Panacea, 25-lb. pails.....	3.50
Dr. Hess' Panacea, 12-lb. package.....	1.75
Dr. Hess' Poultry Panacea, in 5-lb. cartons.....	.85
Dr. Hess' Poultry Panacea in 1½-lb. cartons.....	.30
Dr. Hess' Dip and Disinfectant, ½-gal. can.....	1.30
Dr. Hess' Roup Remedy, small size, each.....	.30
Licene.....	.60

Conkey's Poultry and Stock Remedies

Sold to Consumer on Our Money Back Guarantee

Roup Remedy, 30c, 60c, \$1.20, \$2.50. Breeder Size (5 lbs.).....	\$ 5.75
Roup Pills, 30c, 60c, \$1.20. Breeder Size (1000 pills).....	3.00
Cholera Remedy, 30c, 60c, \$1.20. Breeder Size (5 lbs.).....	3.00
White Diarrhea Remedy, 30c, 60c and.....	1.20
Sorehead Remedy, 30c, 60c. Breeder Size (1 lb. salve, 5 lbs. powder)...	3.50
Canker Special, for Canker and Bronchitis.....	.60
Limberneck Remedy.....	.60
Poultry Laxative, 30c, 60c. Breeder Size (5 lbs.).....	2.75
Blackhead Remedy, 60c, \$1.75 and.....	3.25
Poultry Worm Remedy, 30c, 60c. Breeder Size (5 lbs.).....	2.75
Scaly Leg Remedy.....	.30
Flea Salve (Stick-tights).....	.30
Lice Powder, 25c, 45c, 90c; 12 lbs. \$3.00; 25 lbs.....	5.75
Mite Liquid, 1 qt. 60c; 2 qts. 90c; 1 gal. \$1.50; 5 gals.....	7.00
Head Lice Ointment, 15c and.....	.30
Lice Fix, 30c and.....	.60
Poultry Conditioner, 30c and.....	.60
Poultry Tonic, 30c, 60c, \$1.20; 12-lb. Pail, \$2.00; 25-lb. Pail.....	3.50
Noxide Dip and Disinfectant, pt. 50c; qt. 80c; 2 qts. \$1.30; 1 gal. \$2.00; 5 gals. \$9.50; 10 gals.....	18.00
Conkey's Stock Tonic, 30c, 60c; 12-lb. Pail.....	\$2.00
Fly Knocker, 1 qt. 70c; 2 qts. \$1.15; 1 gal. \$1.75; 5 gals. \$8.00; 10 gals....	15.50

COLUMBIA FLY KILLER

For Flies and many other Insects on Cattle, Horses, Pigs, Sheep and other animals. Will assist cows to yield more milk. Makes your horses rest better. Guaranteed.

Per gallon.....	\$ 1.50
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SPRATT'S FOOD FOR DOGS—SPRATT'S DOG MEDICINES

"The Backbone of the Canine Race"

POULTRY SUPPLIES

SHIPPING COOPS

Size A, single bird, small, each.....	\$.75
Size B, single bird, medium.....	.95
Size C, 2 birds, medium.....	1.10
Size 2, 2 large or 3 medium.....	1.25

Lower prices for quantities.

LIVE CHICK BOXES

25-chick size.....	\$.25
50-chick size.....	.35
100-chick size.....	.50

Lower prices for quantities.

PARCEL POST EGG BOXES

15-egg size.....	\$.35
30-egg size.....	.50
50-egg size.....	.65

Lower prices for quantities.

EGG CARRIERS

Wood, folding, complete, 3-dozen size.....	\$.60
Wood, folding, complete, 6-dozen size.....	.70
Wood, folding, complete, 12-dozen size.....	.90

EGG CARTONS

Dozen size, for consumer delivery, per dozen.....	\$.20
Dozen size, for consumer delivery, hundred.....	1.35

SQUIRREL AND MOUSE POISON

1-pound package.....	.50
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NEPONSET PLANT POTS (Paper)

2½-inch size, per hundred.....	\$.65
2½-inch size, per thousand.....	6.00
3-inch size, per hundred.....	.85
3-inch size, per thousand.....	8.00
4-inch size, per hundred.....	1.45
4-inch size, per thousand.....	13.00

SEAMLESS SEED BAGS

Full size, of the very heaviest make. Write for prices.

Wheat and Oat Bags and Twine. Write for prices.

SACK HOLDERS

All metal, very neat and handy, saving the help of one person.....	\$ 1.50
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HAND SEEDERS

Cyclone. Price, postpaid.....	2.25
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CHICK FOODS, MASHES, ETC.

Poultry Food	Swift's Granulated Bone
Union Egg Mash	Swift's Bone Meal
Sperry's Egg Mash	Swift's Fish Meal, 60% to 70% protein
Sperry's Chick Mash	Soy Bean Meal
Blatchford's Chick Mash	Oil Cake Meal
Union Chick Scratch	Charcoal, fine, medium and coarse
Union Hen Scratch	Crystal Grit, fine, medium and coarse
Swift's Meat Meal, 50 and 60% protein	Oyster Shell, 98% lime.
Swift's Meat Scraps, 50% protein	Alfalfa Meal
Swift's Digester Tankage, 60% protein	

Prices on all above on request.

BLATCHFORD'S ESSENTIAL MINERALS

for Cattle, Hogs and Poultry

"RIGHTS THE RATION"

STOCK FOOD

Union Dairy Food	Blatchford's Calf Meal
Sperry's Dairy Feed	Blatchford's Lamb Meal
Oil Cake Meal	Blatchford's Essential Minerals

Prices on request.

COD LIVER OIL

Best imported Norwegian. Makes more eggs and better chicks.

TOBACCO DUST

For Worms and Black Head

EPSOM SALTS

Laxative for Stock and Poultry

Blatchford's Calf Meal

FIRST ON THE MARKET—FIRST IN QUALITY
FIRST IN RESULTS



Blatchford's Calf Meal is the original milk-substitute. It was the first on the market. For over one-third of a century it has been successfully used in raising calves by the most progressive farmers and dairymen in this country. It is the only calf meal backed by so remarkable a record.

Its success is due to three things: First, its quality. Blatchford's is, above all, quality calf meal. Only the best materials are used in its manufacture. It contains no waste materials or by-products of low feeding value. Second, it contains all the nutritive and growth-producing properties required by the calf. The finest and healthiest calves can be raised upon it. Third, it is economical. One pound makes a full gallon of pure milk substitute, and it can be used at less than half the cost of using milk.

Blatchford's Calf Meal raises calves from babyhood. It is extremely palatable. It is easy to feed. It saves both milk and money. It will pay you to use it.

Sold in 100, 50 and 25-pound Bags

SATISFACTION GUARANTEED WITH EVERY BAG

Blatchford's Chick Mash

SHOULD BE EVERY CHICK'S FIRST FEED

Blatchford's Chick Mash is the favored starting and growing feed of the most prominent poultry-raisers in the country. It contains all the feeds and nutriment chicks need right from the start, and shields them from white diarrhea, bowel trouble and leg weakness.

This mash is neither a tonic nor a medicine, but a nutritious, wholesome, palatable body-builder. It promotes health, vitality and growth by building up sturdy, disease-resisting frames.

By supplying proper nourishment to each and every part of the body, promotes steady and complete development in the shortest possible time without forcing.

It contains no screenings, mulls, or cheap by-products from the manufacture of breakfast foods, cereal foods, or scratch grains. It carries chicks all the way—starts, grows, and matures—without change of feed.

This is the safest, the most economical, and the best starting and growing feed on the market. Use it. Sold in 100, 25 and 10-pound bags, and 4-pound cartons. Satisfaction guaranteed.

If your local dealer cannot supply you, write directly to

BLATCHFORD CALF MEAL COMPANY

Waukegan, Illinois